## Actinobacteria 1, including Coriobacteriales, Micrococcinea, Bifidobacteriaea Atopobium parvulum 1225 Atopobium vaginae Olsenella oral Olsenella uli **Coriobacterium glomerans** 1224 Coriobacteriales Collinsella tanakaei **Collinsella aerofaciens** 1223 Collinsella intestinalis **Collinsella stercoris** Cryptobacterium curtum Eggerthella lenta 1234 Eggerthella YY7918 Slackia piriformis Slackia heliotrinireducens Slackia exigua 1239 Rubrobacter xylanophilus Rubrobacteridae Conexibacter woesei **Patulibacter I11 Acidimicrobium ferrooxidans** Bifidobacterium angulatum **Bifidobacterium breve** Bifidobacterium 12 Bifidobacterium longum Bifidobacterium bifidum Bifidobacterium dentium 1249 - Bifidobacterium adolescentis Bifidobacterium catenulatum Bifidobacterium pseudocatenulatum Bifidobacteriales Gardnerella vaginalis **Bifidobacterium animalis** Bifidobacterium gallicum **Bifidobacterium asteroides** Scardovia wiggsiae Parascardovia denticolens Scardovia inopinata **Aquiluna IMCC13023** - Tropheryma whipplei Leucobacter chromiiresistens 1247 Microbacterium laevaniformans Microbacterium testaceum Leifsonia xyli Clavibacter michiganensis Actinobacterium PHSC20C1 Salinibacterium PAMC **Actinobaculum massiliae** Arcanobacterium haemolyticum Actinomyces graevenitzii **Actinomyces oral** Actinomyces Actinomyces oris **Actinomyces viscosus Actinomyces urogenitalis** 1272 Actinomyces massiliensis **Mobiluncus curtisii** Mobiluncus mulieris **Actinomyces coleocanis Actinomyces turicensis Actinomyces georgiae** 1283 **Actinomyces ICM39 Actinomyces odontolyticus** - Actinomyces ICM47 1291 **Brevibacterium linens** Brevibacteriaceae **Brevibacterium mcbrellneri** Rothia mucilaginosa Rothia aeria Rothia dentocariosa **Kocuria palustris** Kocuria rhizophila **Arthrobacter crystallopoietes** 1292 Renibacterium salmoninarum Arthrobacter aurescens Arthrobacter FB24 Arthrobacter globiformis Arthrobacter chlorophenolicus Micrococcinea **Arthrobacter phenanthrenivorans Arthrobacter arilaitensis** Nesterenkonia F Citricoccus CH26A Micrococcus luteus **Brachybacterium squillarum** Brachybacterium faecium Brachybacterium paraconglomeratum - Beutenbergia cavernae Cellulomonas fimi 1309 Cellulomonas flavigena - Isoptericola variabilis Jonesia denitrificans Sanguibacter keddieii Kineococcus radiotolerans Intrasporangium calvum - Janibacter HTCC2649 1242 Intrasporangiaceae Janibacter hoylei 1315 Dermacoccus Ellin185 Kineosphaera limosa **Mobilicoccus pelagius** Serinicoccus profundi Propionibacterium avidum Propionibacterium acnes Propionibacterium humerusii Propionibacterium acidipropionici 1324 Propionibacterium freudenreichii Propionibacterineae Propionibacterium propionicum Microlunatus phosphovorus Kribbella flavida Aeromicrobium marinum Nocardioidaceae bacterium Nocardioides JS614 **Actinobacterium SCGC** Catenulispora acidiphila Kitasatospora setae Streptomyces cattleya Streptomyces auratus Streptomyces rimosus Streptomyces bingchenggensis Streptomyces violaceusniger Streptomyces somaliensis Streptomyces clavuligerus Streptomyces tsukubaensis Streptomyces pristinaespiralis **Streptomyces W007** Streptomyces griseus Streptomyces roseosporus **Streptomyces globisporus** Streptomyces flavogriseus Streptomyces SirexAA Streptomyces venezuelae 1334 Streptomyces C Streptomyces Mg1 Streptomyces albus Streptomycineae Streptomyces S4 □ Streptomyces SPB74 **Streptomyces Tu6071** Streptomyćes turgidiscabies Streptomyces avermitilis Streptomyces griseoaurantiacus Streptomyces hygroscopicus Streptomyces e14 Streptomyces chartreusis Streptomyces ghanaensis Streptomyces sviceus Streptomyces acidiscables Streptomyces scabiei Streptomyces viridochromogenes Streptomyces zinciresistens

Streptomyces griseoflavus
 Streptomyces coelicoflavus
 Streptomyces coelicolor
 Streptomyces lividans

Sequedex: Life2550